

ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN

RN 24937-79-9 REGISTRY

CN Ethene, 1,1-difluoro-, homopolymer (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ethylene, 1,1-difluoro-, polymers (8CI)

OTHER NAMES:

CN .beta.-Polyvinylidene difluoride

CN 1,1-Difluoroethene homopolymer

CN 1,1-Difluoroethylene polymer

CN 1000LD

CN 1000VLD

CN 301F

CN 4000H

CN 9000HD

CN CA 16

CN CA 16 (fluoropolymer)

CN Cellomer

CN Dalvor

CN Denka DX 41WT0040

CN Desal JX

CN Dulite

CN Durapore

CN Durapore GVHP

CN Durapore GVWP

CN Durapore GVWP 14250

CN Durapore HVLP

CN Durapore VVLP

CN Dyflor 2000

CN Dyflor 2000ES

CN Dyflor 2000ES-P

CN Dyflor 2000L

CN Dyflor 2000M

CN Dyflor 2000WS

CN Dyflor EE

CN Dyflor LE

CN Dyflor X 7394

CN Emflon II

CN F 2

CN F 2 (vinyl polymer)

CN F 4000HD

CN Fluorex

CN Fluorex Clear 20011

CN Fluorex HT 1

CN Fluorodyne

CN Fluorolon 2

CN Fluoropolymers, poly(vinylidene fluoride)

CN Fluorotrans

CN Fluorotrans W

CN Foraflon

CN Foraflon 1000HD

CN Foraflon 1000VLD

CN Foraflon 1000VLP

CN Foraflon 100HD

CN Foraflon 4000HD

CN Foraflon 50

CN Kynar 741

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAY

DR 102381-94-2, 138185-45-2, 74125-35-2, 52683-00-8

MF (C2 H2 F2)x

CI PMS, COM

PCT Fluoropolymer, Polyvinyl

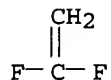
LC STN Files: AGRICOLA, ANABSTR, ASMDATA*, BIOBUSINESS, BIOSIS, BIOTECHNO,
CA, CANCERLIT, CAPLUS, CBNB, CEN, CHEMCATS, CHEMLIST, CIN, CSCHM, CSNB,

DDFU, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2,
IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, NIOSHTIC, PDLCOM*, PIRA,
PLASPEC*, PROMT, TOXCENTER, TULSA, USPAT2, USPATFULL, VTB
(*File contains numerically searchable property data)
Other Sources: DSL**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 75-38-7

CMF C2 H2 F2



12717 REFERENCES IN FILE CA (1937 TO DATE)

253 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

12742 REFERENCES IN FILE CAPLUS (1937 TO DATE)

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PVDF - Polyvinylidene Fluoride

LEGEND

A = amorphous - Cr = crystalline - C = clear - E = excellent - G = good - P = poor - O = opaque - T = translucent - R = Rockwell - S = Shore

STRUCTURE: Cr

SPECIFIC DENSITY: 1.77

WATER ABSORPTION RATE (%): 0.03

ELONGATION (%): 50

TENSILE STRENGTH (psi): 5800

COMPRESSION STRENGTH (psi): 10000

FLEXURAL STRENGTH (psi): 7800

FLEXURAL MODULUS (psi): 260000

IMPACT (IZOD ft. lbs/in): 6.6

HARDNESS: R95

FABRICATION

- BONDING: P
- ULTRASONIC WELDING: P
- MACHINING: EG

DEFLECTION TEMPERATURE (deg. F)

- @ 66 psi: 300
- @ 264 psi: 190

UTILIZATION TEMPERATURE (deg. F)

- min: -40
- max: 310

MELTING POINT (deg. F): 340

COEFFICIENT OF EXPANSION: 0.000022

ARC RESISTANCE: 60

DIELECTRIC STRENGTH (kV/mm): 22

TRANSPARENCY: T

UV RESISTANCE: G

CHEMICAL RESISTANCE

- ACIDS: P
- ALKALIS: G

- SOLVENT

BACK